

OSA - 1315-67

21 March 1967

25X1A

To:

Subject: AIRCRAFT 130 OXYGEN SYSTEM CHECK STATUS  
FOLLOWING INCIDENT

Dear Bruce,

1. In the letter to you on this subject, dated March 20th, I noticed that we didn't send you the series of aircraft checks that were accomplished after this incident.
2. The following action was taken. However, nothing was found, to indicate a problem with the aircraft's system.
  - A. Checked flow pressure with disconnect flow tester.
  - B. Accomplished moisture check.
  - C. Inspected LOX plumbing between converters and oxygen control panel.
  - D. With Foxboro moisture monitor, the pressure and moisture was checked at each quantity change of one liter until the system was depleted. (See attached sheet for data).
  - E. Checked low pressure switches and annunciator lights.
  - F. Checked low quantity, both annunciator and
  - G. Replaced control panel, seat disconnect, and hose between control panel plumbing and seat disconnect.
  - H. Verified that pressure switches were installed in the system per print.
  - I. Purged, serviced, leak checked, pre-flighted and signed off 781 squawk.
  - J. Pressure suit also checked and all components changed.
  - K. Oxygen gages checked within specification.

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# OXYGEN SYSTEM CHECKS

Standby Readings on control panel at start:

No. 1 system 110 p. s. i.

No. 2 system 110 p. s. i.

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Moisture Monitor Check (GH. No. 316, S/N 25, Mfg. Foxboro)

| <u>No. 1 System</u> |               |                 | <u>No. 2 System</u> |               |                 |
|---------------------|---------------|-----------------|---------------------|---------------|-----------------|
| <u>Liters</u>       | <u>Press.</u> | <u>Moisture</u> | <u>Liters</u>       | <u>Press.</u> | <u>Moisture</u> |
| 7                   | 85 to 80      | -68° or better  | 4                   | 100*          | -68°            |
| 6                   | 85 to 80      |                 | 3                   | 100           |                 |
| 5                   | 85 to 80      |                 | 2                   | 90            |                 |
| 4                   | 85 to 80      |                 | 1                   | 90            |                 |
| 3                   | 85 to 80      |                 | .5                  | 90            |                 |
| 2                   | 85 to 80      |                 | .25                 | 85            |                 |
| 1                   | 85 to 80      |                 | 0                   | 80            |                 |
| .5                  | 75 to 70      |                 | -.25                | 50            |                 |
| .4                  | 40            |                 | -.5                 | 0             |                 |
| .4                  | 30            |                 |                     |               |                 |
| .4                  | 20            |                 |                     |               |                 |
| .4                  | 10            |                 |                     |               |                 |
| .4                  | 0             |                 |                     |               |                 |

\* Checked 100 p. s. i. reading with disconnect flow tester. Verified reading was good.

Systems would go back up to 110 as soon as flow shut off.

meh